Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 04 Jul 2023 until 23:59 on Wednesday 05 Jul 2023

Forecast Issued on Monday 03 Jul 2023 at 14:19

Confidence: High for changeable conditions initially, and a transition to more settled weather later this week. Only moderate confidence in the shower and cloud details for the coming few days. Forecast should be monitored for changes.

Headline for Tuesday 04 Jul 2023: Sunny spells and scattered showers, perhaps heavy and thundery

Mountain weather hazards on Tuesday 04 Jul 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms Medium Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Light rain showers	Partly cloudy (night)	Light rain showers	Light rain showers	Thundery showers	Heavy rain showers	Light rain showers
Precipitation probability							
20%	30%	20%	30%	30%	40%	40%	30%

Forecast for Tuesday 04 Jul 2023

Weather: Much of the area dry through the early hours of Monday morning, but still a risk of isolated showers of rain at times. Risk of showers continues throughout the day, but may become heavy and locally thundery by the afternoon and may persist into the evening.

Chance of cloud-free hill tops above 600m: 60% in the west at first, oherwise 80%

Low cloud and visibility: Scraps of early low cloud may affect higher peaks during the morning, lowest bases likely to the west of the area where they may fall to around 400m at times. Bases soon lifting through the morning but may deteriorate in any heavy showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Tuesday 04 Jul 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/27 SW	20/27 SW	19/26 SW	20/27 W	18/26 W	14/20 W	15/21 W	13/18 W	11/16 W
300	14/23 SW	14/22 SW	15/21 SW	14/21 W	15/22 W	13/21 W	11/17 W	8/13 SW	7/12 SW
Valley	9/23 SW	9/22 SW	9/20 SW	11/21 W	12/23 W	11/20 W	9/19 W	5/13 SW	5/11 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/3	7/2	7/2	9/5	12/8	12/9	11/8	9/6	8/6
300	10/7	9/6	9/6	12/9	14/11	14/12	14/12	12/10	11/9
Valley	10/9	10/7	10/8	13/11	16/13	15/13	14/12	12/11	11/10
Freezing Level*	1700m	1600m	1600m	1600m	1800m	1900m	2000m	2000m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A day of scattered showers and breezy conditions along the tops. Feeling chilly at height during the morning, particularly in any passing showers. Despite shower risk UV levels expected to be high during daylight hours.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 03 Jul 2023	17.2mm	17.6mm	33.4mm

Forecast for Wednesday 05 Jul 2023

Weather: Scattered showers expected throughout the day, some may be heavy but generally a lower risk of lightning compared to previous days. Showers then largely dissipating overnight.

Maximum wind: Westerly 17-20mph with gusts of 27-30mph

Chance of cloud-free hill tops above 600m: 80%

Low cloud and visibility: Cloud bases mostly remaining above summits throughout the day, low risk of cloud temporary shrouding highest tops in any showers.

Temperature: **Valleys:** Plus 9 Celsius rising to Plus 15 Celsius
At 600m: Plus 6 Celsius rising to Plus 12 Celsius
Freezing level: Well above summits

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